



**TRANSMITTAL LETTER**  
(General - Patent Pending)

Docket No.  
**H0004479**

In Re Application Of: **Haridasan K. Nair, Andrew Poss, Jing Ji Ma, David Nalewajek, Michael Van Der Puy**

Serial No.  
**10/697,347**

Filing Date  
**October 30, 2003**

Examiner  
**N/A**

Group Art Unit  
**N/A**

Title: **FLUORINATED POLYMERS**

TO THE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE:

Transmitted herewith is:

**Information Disclosure Statement and Form PTO-1449 (Modified)**

in the above identified application.

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Dated: **December 30, 2003**

**Brett T. Freeman, Reg. No. 46,709**

Send Correspondence to:  
**Colleen D. Szuch, Esq.**  
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**101 Columbia Road, Building Meyer 5**  
**Morristown, N.J. 07962-2245**

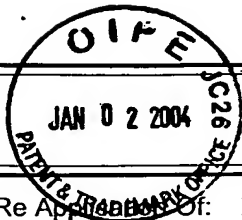
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**Kathy P. Higgins**

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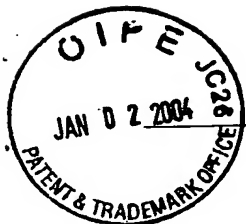
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P16B/REV01

**DUPLICATE**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Haridasan K. Nair Andrew Poss,  
Jing Ji Ma, David Nalewajek and Michael Van Der Puy**

Application No.: **10/697,347** Examiner: **N/A**

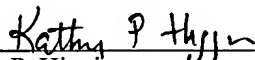
Filing Date: **October 30, 2003** Art Unit: **N/A**

Docket No.: **H0004479**

For: **FLUORINATED POLYMERS**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence, along with any other papers indicated as being enclosed, is being deposited with the United States Postal Service, postage prepaid, as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 30, 2003.

  
Kathy P. Higgins

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97(b)(1)**

Sir:

Forwarded herewith is Form PTO-1449 (Modified) listing patents, publications or other information ("documents") believed to be relevant to the subject application. It is respectfully requested that these documents be considered by the Examiner and an initialed copy of each Form PTO-1449 be returned to the undersigned. Copies of the documents listed on PTO-1449 (Modified) are supplied herewith.

It is believed that this disclosure complies with the requirements of 37 C.F.R. subsections 1.56, 1.97, 1.98 and the Manual of Patent Examining Procedure § 609. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

**Docket No. H0004479**


The Instant Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists.

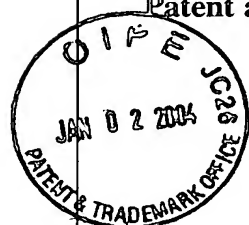
This Information Disclosure Statement is being filed within three months of the filing date of the above-identified patent application. Accordingly, no fees are due pursuant to 37 C.F.R. 1.97(b)(1).

Respectfully submitted,

Date: December 30, 2003

  
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M:\B\Freeman\Honeywell\IP26367-A USA\Patent Office\IDS FILED WITHIN 3 MONTHS OF APP.rtf



<b>Form PTO-1449 Modified</b>  <b>List of Patents and Publications Cited by Applicant</b> (Use several sheets if necessary)  <b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>		<b>Docket No.</b>  H0004479  (S&L File P26,367-A USA)	<b>Application No.</b>  10/697,347
		<b>Applicant(s)</b> Haridasan K. Nair, Andrew Poss, Jing Ji Ma, David Nalewajek, Michael Van Der Puy	
		<b>Filing Date</b> N/A	<b>Group</b> N/A
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	AA	McCoy, M., <u>Irresistible Force</u> , Chemical and Engineering News, page 23-24, (July 15, 2002).	
	AB	Tran, H.V. et al, <u>Metal-Catalyzed Vinyl Addition Polymers for 157 nm Resist Applications. 2. Fluorinated Norbornenes: Synthesis, Polymerization, and Initial Imaging Results</u> , Macromolecules, 35, 6539-6549 (2002)	
	AC	McBee, E.T.; <u>Stereochemistry of the Diels – Alder Reaction. V. Fluorinated Trans-Olefinic acids and Derivatives with Cyclopentadiene</u> , J. Org. Chem Vol. 38 pp 632-636, (1973)	
	AD	Singh, R.P., <u>Cesium Fluoride Catalyzed Trifluoromethylation of Esters, Aldehydes and Ketones with (Trifluoromethyl) trimethylsilane</u> , J. Org. Chem, vol. 64, pp 2873-2876 (1999)	
	AE	March, J., Advanced Organic Chemistry, Pages 839-856 (Fourth Ed. 1992)	
	AF	Mehler, C., Makromol Chem. Rapid Commun., Vol. 12, pages 255-259 (1991)	
	AG	Hung, R. J. et al, <u>Resist Materials for 157 nm Microlithography: An Update</u> , Proceedings of SPIE, vol. 4345, pages 385-395 (2001)	
	AH	Chiba, T. et al., <u>157 nm Resist Materials: a Progress Report</u> , Journal of. Photopolymer. Science & Technology, vol. 13 (4), Pages 657-664 (2000)	
	AI	Larock, R.C., <u>Comprehensive Organic Transformations</u> , VCH Publishers, pages 337-345, 527-553, 548-552, and 966-971, (1989)	
	AJ	Leroy, J.; <u>Improved Synthesis of 3 (Trifluoromethyl)Pyrrole</u> , Journal of Fluorine Chemistry, vol. 53, pages 61-70 (1991)	

	AK	Chalchat, J.C., <u>Substitution nucleophile sur le carbone ethylenique (1)-synthese des esters <math>\beta</math>-iodocrotoniques cis et trans, - <math>\beta</math>-iodovinylacététique et des nitriles correspondants. Accès aux esters <math>\beta</math>-fluorocrotoniques cis et trans</u> , C.R. Acad. Sc. Paris, t. 273, pages 763-765 (1971)
	AL	Sato, M., <u>A Facile Synthesis of <math>\alpha,\beta</math>-Difluoro- <math>\alpha,\beta</math>-unsaturated Carbonyl Compounds by use of Molecular Fluorine Addition</u> , Tetrahedron Letters, vol. 36, pages 6705-6708 (1995)
	AM	Differding, E., <u>N-Fluorobenzenesulfonimide: A Practical Reagent For Electrophilic Fluorinations</u> , Synlett, pages 187-189 March 1991
	AN	Henne, A. L., <u>Trifluoropropyne</u> , J. Am. Chem. Soc., 73, 1042 (1951).
	AO	Hong, F., <u>Zinc-promoted Barbier-type Reaction of 2-Bromo-3,3,3-trifluoropropene with Aldehydes</u> , J. Chem.. Soc. Comm., page 289 (1994)
	AP	Jiang, B., <u>Trifluoroisopropenylzinc Reagent as a Useful <math>\alpha</math> - (Trifluoromethyl)ethenyl Carbanion Synthetic Equivalent. Preparation and Palladium-Catalyzed Coupling with Aryl Halides<sup>1</sup></u> , J. Org. Chem., 56, page 7336 (1991)
	AQ	Loh, T.P., <u>A Highly Stereoselective Synthesis of <math>\beta</math>-Trifluoromethylated Homoallylic Alcohols in Water</u> ** Agnew Chem. Engl, 36, 980, (1997)
	AR	Okamoto, Y. et al, <u>Design of alkaline Metal Ion conducting Polymer Electrolytes</u> , J. Poly. Sci. Pt. A. Polym. Chem., 31, 2573 (1993)
	AS	Hazeldine, R.N. <u>The addition of Free Radicals to Unsaturated Systems. Part I. The direction of Radical Addition to 3:3:3-Trifluoropropene</u> , Free Radicals to Unsaturated Systems, Part 1, Pages 2504-2513 (1952)
	AT	Dyatkin, B.L., <u>Synthesis of alkyl perfluorovinyl ethers. Stereochemistry of vinyl substitution in perfluoroolefins</u> , Zh. Org. Khim, vol 3, 1pages 1006-1011 (1967)
	AU	Hung, M.H., <u>Fluorodioxolane-containing Alkynes [1,2]</u> , J. of Fluorine Chemistry, vol. 52, pages 159-164 (1991)
	AV	Duan, J., <u>A New and Improved synthesis of trans-1,2-Diiodoalkenes and Their Stereospecific and Highly Regioselective Trifluoromethylation</u> , J. Org. Chem., vol. 63, pages 9486-9489 (1998)

	AW	Chambers, R.D., Elimination from 2H-Heptafluorobut-2-ene <sup>1</sup> , J. of Fluorine Chem., 79, pp 121-124 (1996)
Examiner		Date Considered

<b>Form PTO-1449 Modified</b>  <b>List of Patents and Publications Cited by Applicant</b> (Use several sheets if necessary)  <b>U.S. Department of Commerce Patent and Trademark Office</b>	<b>Docket No.</b> H0004479  (S & L File No.P26,337-A USA)	<b>Application No.</b> 10/697,347
	<b>Applicant(s)</b> Haridasan K. Nair, Andrew Poss, Jing Ji Ma,David Nalewajek, Michael Van Der Puy	
	<b>Filing Date</b> N/A	<b>Group</b> Not Yet Known



### U.S. PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Name	Class	Subclass
	AA	4,250,053	02/10/1981	Smith	252	426
	AB	4,371,605	02/01/1983	Renner	430	280
	AC	4,491,628	10/13/1998	Ficner et al	430	326
	AD	5,821,036	01/01/1985	Ito et al	430	176
	AE	6,124,074	09/26/2000	Varanasi et al	430	270
	AF	6,365,322	04/02/2002	Padmanaba n et al	430	270
	AG	6,468,712	10/22/2002	Fedynshyn	430	270
	AH	6,486,282	11/26/2002	Dammel et al	526	297
	AI					

### FOREIGN PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Country	Translation	
	AJ	WO 00/67072	11/09/2000	PCT	Yes	
	AK	WO 03/006413	12/07/2000	PCT	Yes	
	AL	WO 97/33198	12/09/1997	PCT	Yes	

<b>Examiner</b>	<b>Date Considered</b>
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